A. Differentiate the following functions:

1 Function Exercise

2 Function Exercise

3 Function Exercise

4 Function Exercise

5 Function Exercise

6 Function Exercise

7 Function Exercise

8 Function Exercise

9 Function Exercise

B Differentiate the following functions using the power rule:

1 Power Rule Exercise

2 Power Rule Exercise

3 Power Rule Exercise

4 Power Rule Exercise

5 Power Rule Exercise

6 Power Rule Exercise

7 Power Rule Exercise

C Differentiate the following functions:

1 Rational Function Exercise

2 Rational Function Exercise

3 Rational Function Exercise

D Find the derivative of each using whatever rule applies:

1. 2. 3.

4. 5. 6.

7. 8. 9.